

<p>85-027398/05 A32 (A25) NIPPON POLYURETHANE KK 31.05.83-JP-095060 (12.12.84) B29g-03 C08g-18/02 Moulded polyisocyanurate resin articles prodn. - by feeding mixt. of isocyanate cpd. and epoxy cpd. into moulding device, adding aziridine and left. amine and post curing</p>	<p>NIPO 31.05.83 *J5 9221-321-A A(5-J2, 11-812) 260</p>
<p>C85-011572 Production of articles comprises: (a) feeding a mixt. of (1) organic polyisocyanate and/or prepolymer contg. isocyanate gp. and (2) epoxy cpd. into a moulding device; (b) feeding a mixt. of (3) aziridine cpd. and tert. amines into the moulding device; and (c) postcuring at 110-170°C. <u>ADVANTAGE/USE</u> A heat resistant polyisocyanurate resin is obt'd. The article with improved heat resistance and mechanical strength, is produced easily and efficiently. Domestic articles, automotive parts of electronic parts are produced. Aziridine cpd. includes e.g. $\text{X} - \left(\begin{array}{c} \text{CH}_2 \\ \\ \text{CH} - \text{N} - \text{CH}_2 - \text{CH} \\ \quad \\ \quad \quad \text{Y} \quad \quad \text{Z} \end{array} \right)_n$</p>	<p>X = -H or lower alkyl; Y = -H or -OH; Z = -H or n-valent organic gp.; n = 1-6. Pref. cpd. includes 2-(1-aziridinyl)ethyl methacrylate, 1-(2-hydroxy-2-phenylethyl)-2-methyl aziridine or 1-ethyl aziridine or tris(2-methylethylene) melamine. A cpd. having active hydrogen may be combined. <u>EXAMPLE</u> 100 pts. wt. of carbodiimide-modified diphenylmethane diisocyanate and 4 pts. wt. of phenyl glycidyl ether are fed in a tank (I). 5 pts. wt. of polyoxypropylene glycol of mol. wt. 1,000, 2 pts. wt. of trimethylol propane tris(1-aziridinyl propionate) and 1 pt. wt. of triethyl amine are fed in a tank (II). Each tank is maintained at 25°C. The mixt. in the tank (I) and tank (II) is charged in an agitator with gear pumps. The mixt. agitated well is injected into a mould maintained at 30°C and postcured at 130°C for 2 hrs, at 170°C for 2 hrs. and 210°C for 2 hrs. The article is obt'd. (8ppw156BLDwgNo0/0). J59221321-A</p>

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Promoting hardening of gelatin films in multi layer-coating - by adding diffusible org hardener and accelerator to separate layer(s)

A3-C1, A8-D1, A12-L1.

3 206

In the multi-layer coating of gelatin, contg. aq. emulsions in successive operations, a diffusible org. hardener is added to >1 coating (not all coatings) and an accelerator is added to >1 of the remainder of the coatings not contg. the hardener. The pH value of the hardener-contg. aq. emulsion is kept <7.0. The gelatin-contg. aq. emulsion layer includes layers which contain silver halide, inter. layer of multi-layer colour photographic material, halation restraining layer etc. The diffusible org. hardener may be an active halogen type, active olefin type, epoxide type or aziridine type. The accelerator may be a water sol. alkali, alkali salt or prim. or tert. amine.

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